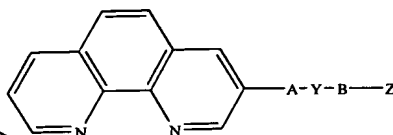


Please add the following new claims:

~~11. The method of claim 1 further comprising hydrogenating the acetylene bond of said acetylene derivative of phenanthroline.~~

12. A compound having the formula comprising:

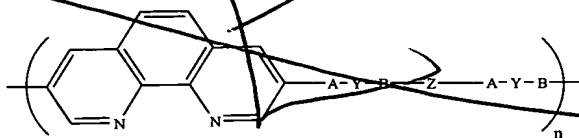


wherein

A and B are selected from carbon or nitrogen such that Y is a bond selected from the group consisting of acetylene, alkene, azo or imine; and
Z is alkyl, substituted alkyl, aromatic or substituted aromatic group;

13. A compound according to claim 12 further comprising a transition metal ion and at least one co-ligand.

14. A compound according to claim 12 which is a polymer having the formula:



15. A compound according to claim 14 further comprising a transition metal ion and at least one co-ligand.

16. A compound according to claim 12 wherein Z comprises the base of a nucleoside.

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17. A compound according to claim 12 wherein Z comprises the base of a nucleotide.

Sub B4
Q2
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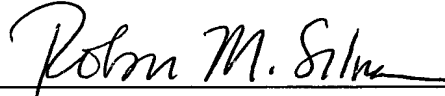
~~18. A compound according to claim 12 wherein Z comprises the phosphoramidite form of the nucleotide.~~

19. A nucleic acid comprising the compound according to claim 12.--

The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1300 (Our Order No. A-63463-1/RFT/RMS). An additional copy of this sheet is enclosed.

Respectfully submitted,

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